WHAT IS CLAIMED IS:

1. A vehicle safety system for preventing inadvertent acceleration of a vehicle by a driver, wherein the vehicle comprises an engine that supplies power to move the vehicle, a transmission that transmits power from the engine to wheels of the vehicle, an acceleration module that controls the engine to increase power, and a brake module that slows down or stops the vehicle, wherein the acceleration module comprises an accelerator pedal that receives pressure applied by the driver, and the brake module comprises a brake pedal that receives pressure applied by the driver, the system comprising:
   a) a pressure sensor that senses pressure applied to the accelerator pedal; and
   b) a control circuit that is connected to the pressure sensor and the vehicle;

   wherein the control circuit is activated to prevent inadvertent acceleration of the vehicle when the pressure sensed by the pressure sensor exceeds a predetermined safety threshold.

2. The vehicle safety system of claim 1, wherein the pressure sensor is provided on the accelerator pedal

so that the pressure sensor directly receives pressure from the driver.

3. The vehicle safety system of claim 1, wherein the pressure sensor is provided between the accelerator pedal and a body wall of the vehicle under the accelerator pedal.

4. The vehicle safety system of claim 1, wherein the pressure sensor is provided near a hinge point of the vehicle, wherein the accelerator pedal is pivotally attached at the hinge point.

5. The vehicle safety system of claim 1, wherein the pressure sensor comprises a pressure receiving plate, an elastic member that supports the pressure receiving plate, a displacement switch that is operated when the pressure receiving plate pushed more than a predetermined distance overcoming the force applied by the elastic member.

6. The vehicle safety system of claim 5, wherein the elastic member comprises a compression spring or foam.

7. The vehicle safety system of claim 1, wherein the control circuit deactivates the acceleration module when the control circuit is activated.

8. The vehicle safety system of claim 7, wherein the control circuit sets the engine in idling state.

9. The vehicle safety system of claim 7, wherein the control circuit activates the brake module so that the vehicle is decelerated.

10. The vehicle safety system of claim 1, wherein the control circuit sets the transmission so that the transmission does not transmit power from the engine, when the control circuit is activated.

11. The vehicle safety system of claim 1, wherein the control circuit activates the brake module when the control circuit is activated.

12. The vehicle safety system of claim 11, further comprising an actuator that pivots the brake pedal when the brake module is activated by the control circuit.

13. The vehicle safety system of claim 12, wherein the actuator pivots the brake pedal via a cable.

14. The vehicle safety system of claim 1, wherein the control circuit creates a warning signal when the pressure sensed by the pressure sensor falls in a range between a predetermined warning threshold and the safety threshold, wherein the warning threshold is less than the safety threshold value.

15. The vehicle safety system of claim 1, wherein the control circuit creates an emergency signal when the pressure sensed by the pressure sensor exceeds the safety threshold.

16. The vehicle safety system of claim 1, wherein the control circuit may be activated when the speed of the vehicle is less than a predetermined speed value.

17. The vehicle safety system of claim 1, wherein once the control circuit is activated, the control circuit sets and keeps the acceleration module disabled.

18. The vehicle safety system of claim 1, wherein the pressure sensor comprises a load cell.

19. The vehicle safety system of claim 1, wherein the control circuit may be kept from being activated by manual overriding.